

## CLIMATOLOGICAL DATA FOR JUNE, 1913.

## DISTRICT NO. 10, GREAT BASIN.

ALFRED H. THIESSEN, District Editor.

## GENERAL SUMMARY.

In the Great Basin this month was the wettest June on record. It is certain that local amounts at many places exceeded that of any previous June since 1874. The cause was the presence of low pressure areas over the Great Basin, one from June 7th to June 10th, and another from June 23d to June 29th. The rainfall caused by the latter storm was the heavier, and, as usual in summer, some localities received much more moisture than others. The rains were slightly unfavorable in irrigated districts and resulted in some damage; but were favorable to dry-farming sections, and greatly improved the ranges. There was a large number of thunderstorms; some fatalities occurred due to lightning, and damage by hail was also sustained. Some stations in the mountains and a few in the agricultural districts reported snow which soon disappeared. The temperature for the district averaged below normal, and was lower than that of June last year.

## TEMPERATURE.

The mean temperature for the district was  $61.5^{\circ}$ , or  $1.9^{\circ}$  below normal, and varied from  $49.3^{\circ}$  at Tahoe, Cal., to  $79.4^{\circ}$  at Jean, Nev. The highest means occurred in the more level portions of the Utah area and in the southern portion of the Nevada area; while the lowest means occurred in the Wyoming area and in the mountainous portions of the Utah area and in parts of the Oregon and Nevada areas. Excesses above the normal temperature occurred in the Wyoming area and at widely scattered stations in the portions of other States in this district, but for the most part they were small. The temperature was generally deficient in the Utah area south of Great Salt Lake, and in central and western Nevada. The greatest deficiency was  $8.1^{\circ}$  at Kelton, Utah, whose mean was  $61.2^{\circ}$ ; the greatest excess was  $2.9^{\circ}$  at Burns, Oreg., whose mean was  $60.4^{\circ}$ .

During the first eight days of the month the weather was warm, especially the afternoons, and many stations reported their maximum temperatures during this period. Another warm wave occurred just prior the second general storm of the month, from the 20th to the 23d inclusive. The highest temperatures that occurred in the various areas of the several States in this district were as follows:  $89^{\circ}$  at Border, Wyo., on the 22d;  $92^{\circ}$  at Grace, Idaho, on the 1st;  $110^{\circ}$  at Midvale, Utah, on the 22d;  $90^{\circ}$  at Burns, Oreg., on the 1st;  $80^{\circ}$  at Bridgeport, Cal., on the 17th; and  $106^{\circ}$  at Jean, Nev., on the 30th.

From the 10th to the 12th was, in general, the coolest portion of the month, and most of the stations reported their lowest temperatures during this period, although a few stations reported their lowest from the 27th to the 30th. Killing frosts occurred on the morning of the 29th at Beaver and Panguitch, Utah, and light frosts were observed at a few other places in Utah but no damage

was mentioned in the reports. The lowest temperatures were:  $31^{\circ}$  at Cokeville, Wyo., on the 30th;  $29^{\circ}$  at Paris, Idaho, on the 1st;  $23^{\circ}$  at Soldiers Summit on the 11th, and at Woodruff on the 14th and 30th, both in Utah;  $28^{\circ}$  at Tecoma, Nev., on the 13th;  $23^{\circ}$  at Cliff, Oreg., on the 20th, and  $27^{\circ}$  at Tahoe, Cal., on the 20th and other dates.

## PRECIPITATION.

The precipitation for the district averaged 1.99 inches, or 1.39 inches above normal. This unusual rainfall was well distributed throughout the district, but the heavier amounts fell in the northern portion of the Utah and Nevada areas and in the Wyoming area. In the Utah and Wyoming areas the monthly amounts were 3 or 4 times the average of all past records, and greatly exceeded the greatest previous monthly averages for June. All present June records for many stations in the district were broken, but especially in the middle and northern counties of the Utah area and at Elko, Nev., at which place 7 times the normal amount was recorded.

The greatest local monthly amount was 5.02 inches at Park Valley, Utah; the least was a trace at Jean, Nev. The largest 24-hour amount was 2.30 inches at Marysville, Utah, which is more than 7 times the normal June rainfall.

Excepting the California area, there were two generally rainy periods during the month. The first extended from the 5th to the 12th, and the second from the 22d to the 29th. In the California area rain fell from the 1st to the 10th, and in the eastern portion of the district there were many light showers on the 17th and 18th.

## MISCELLANEOUS PHENOMENA.

The average number of clear days for the district was 11; partly cloudy days, 10; cloudy days, 9; and rainy days, 8.

Foggy mornings were occasionally reported during the rainy period at a few places in the mountains of Utah.

The observer at Ogden, Utah, reported that a boy of twelve was killed by lightning on the 23d, also two cows and a horse.

A cloudburst of nearly as great proportions as that of last summer, swept down the canyon at Seven Troughs and Mazuma, Nev., on the 2d of June. No damage was done as the homes are now erected on higher ground.

At Mill City, Nev., a storm, which from the reports must have been a tornado, occurred. It lifted a roof weighted with many tons of gravel from Peter Organ's store and carried it in fragments across the desert.

A dispatch from Elko, Nev., reports the killing of a teamster by lightning, and the four mules which he was driving. A man standing 100 feet from the scene of the accident was stunned as were two mules which were being led behind the wagon.

TABLE 1.—Climatological data for June, 1913. District No. 10, Great Basin.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Sky.	Prevailing wind direction	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.								
<i>Wyoming.</i>																						
Border.....	Lincoln.....	6,085	11	56.8	+ 1.2	89	22	34	11	51	4.97	+ 3.59	1.60	0.0	14	7	6	17	w.	S. W. Condron.		
Cokeville.....	do.....	6,204	3	57.0	+ 0.7	87	3	31	30	52	3.63	+ 2.27	0.94	0.0	13	19	4	7	w.	E. J. Tuckett.		
Evanston.....	Uinta.....	6,860	17	55.0	+ 0.7	79	22†	32	11†	43	3.37	+ 2.27	0.92	0.0	12	12	14	4	sw.	Frank Tucker.		
<i>Idaho.</i>																						
Geneva.....	Bear Lake.....	6,171	4	62.4	-	92	1†	39	29	52	1.23	-	0.62	0	4	20	6	4	n.w.	F. W. Boehme.		
Grace.....	Bannock.....	5,400	6	59.4	-	82	16†	25	1	49	3.42	+ 2.56	0.40	0	8	7	18	5	w.	E. W. Joy.		
Paris.....	Bear Lake.....	5,946	18	55.4	+ 0.3	88	22	39	30	46	2.95	+ 1.85	0.87	0	12	13	6	11	sw.	John Norton.		
Weston.....	Franklin.....	4,460	14	60.9	+ 0.3	88	22	39	30	46	0.63	+ 1.85	0.63	0						Wm. T. Chatterton.		
<i>Utah.</i>																						
Alpine.....	Utah.....	4,900	14	59.9	-	102	21	26	29	62	1.71	+ 1.06	0.42	0	7	14	5	11	s.	T. F. Carlisle.		
Beaver.....	Beaver.....	6,000	9	59.9	-	97	21	29	31	62	1.30	-	0.60	0	7	10	10	10	sw.	Henry Baker.		
Black Rock.....	Millard.....	4,872	9	59.5	-	92	21	25	8	53	0.55	-	0.31	0	3	17	5	8		W. D. Livingston.		
Brigham City.....	Boxelder.....	4,315	2	67.4*	-	105	20	45	10	48	3.02	-	0.46	0	9					Nephi M. Valentine.		
Burrville.....	Sevier.....	6,800	2	55.3	-	81	22	31	11	45	2.34	-	1.50	0	10					F. R. Curtis.		
Castle Rock.....	Summit.....	6,244	8	-	-	-	-	-	-	-	3.21	-	1.00	0	12	14	8	8		Parley Daley.		
Cedar City.....	Iron.....	5,750	8	65.2*	-	85	20†	39	29	36	0.70	-	0.22	0	6	14	9	7	sw.	David Moore.		
Center.....	Tooele.....	4,250	3	61.5	-	92	20†	34	12	52	1.49	-	0.47	0	7	10	11	9	s.	L. C. Peterson.		
Clarkston.....	Cache.....	5,930	2	-	-	-	-	-	-	-	3.00	-	0.60	0	8	10	10	10		W. J. Griffiths.		
Corinne.....	Boxelder.....	4,240	43	71.9	+ 1.4	92	19	43	13	38	1.46	+ 0.89	0.50	0	5	15	3	12		A. C. Murphy.		
Deseret.....	Millard.....	4,541	18	64.8	- 0.3	92	21†	38	9†	50	0.97	+ 0.60	0.30	0	6	13	5	12	s.	S. W. Western.		
Elberta.....	Utah.....	4,650	11	67.4	- 0.2	94	21†	41	11	44	1.12	+ 0.77	0.26	0	8	15	8	7	s.	D. C. Walkley.		
Enterprise.....	Washington.....	5,750	7	-	-	-	-	-	-	-	0.14	-	0.08	0	2					Jas. E. Hall.		
Erekson.....	Tooele.....	4,850	1	-	-	-	-	-	-	-	1.47	-	0.56	0	6					N. W. Erekson.		
Farmington.....	Davis.....	4,267	12	66.5	+ 2.2	93	16	42	11	49	2.30	+ 1.44	0.60	0	8	17	5	8	sw.	Chas. Boykin.		
Fillmore.....	Millard.....	5,100	21	67.4	- 0.3	97	21	42	12	49	0.75	+ 0.22	0.31	0	8					J. J. Starley.		
Garland.....	Boxelder.....	4,248	1	64.8	-	93	1	45	12	42	2.35	-	0.74	0	10	1	24	5	s.	Heber C. Cutler.		
Garrison.....	Millard.....	4,850	9	61.6*	-	89	22	36	25†	43	0.45	-	0.25	0	2	9b	10b	3	s.	E. M. Smith.		
Government Creek.....	Tooele.....	5,277	12	63.3	+ 0.2	90	22	38	11	42	1.85	+ 1.23	0.41	0	10	17	5	8	s.	Walter James.		
Granger.....	Salt Lake.....	4,560	1	65.0*	-	90	22	46	12	42	1.02	-	0	4						Geo. E. Greene.		
Grantsville.....	Tooele.....	4,220	6	-	-	-	-	-	-	-	1.88	-	0.52	0	8	9	17	4	sw.	Monto Barrus.		
Grouse Creek.....	Boxelder.....	5,148	3	-	-	-	-	-	-	-	4.52	-	1.15	0	4	14	2	13	15	sw.	Philip Paskett.	
Heber.....	Wasatch.....	5,593	20	58.9	- 0.3	89	5†	28	11	59	2.24	+ 1.71	0.45	0	9	12	8	10	s.	John Crook.		
Henefer.....	Summit.....	5,301	13	58.7	+ 0.4	86	2†	31	11	50	4.10	+ 3.41	0.05	0	12	9	9	12	w.	William Brewer.		
Hooper.....	Weber.....	4,436	2	-	-	-	-	-	-	-	5.00	-	2.00	0	7					T. M. Jones, jr.		
Ibapah.....	Tooele.....	7,500	8	60.0	-	89	21	36	21	53	1.30	-	0.55	0	10	8	17	5	s.	W. M. Chastain.		
Ibex.....	Millard.....	5,250	2	-	-	-	-	-	-	-	0.55	-	0.55	0	10					John J. Watson.		
Iosepa.....	Tooele.....	4,356	2	66.9	-	94	22	40	12	47	1.07	-	0.25	0	6	3	9	18		Geo. K. Hubbell.		
Joy.....	Juab.....	5,000	1	-	-	-	-	-	-	-	0.26	-	0.14	0	6					Miss Gladys Mikesell.		
Juniper.....	Piute.....	6,000	1	-	-	-	-	-	-	-	0.85	-	0.31	0	8					Joseph Jensen.		
Kanosh.....	Millard.....	5,250	6	-	-	-	-	-	-	-	0.50	-	0.6	0	19	11	11	11	sw.	Geo. Crane.		
Kelton.....	Boxelder.....	4,230	33	61.2	- 8.1	90	3†	32	11	47	2.32	+ 1.95	0.90	0	6	8	9	13	w.	F. W. Klock.		
Lemay.....	do.....	4,221	2	71.8	-	90	18†	47	11	30	2.45	-	1.00	0	6	8	9	13	sw.	Agent S. P. Co.		
Levan.....	Juab.....	5,010	23	63.8	+ 1.0	90	21	39	11	43	1.18	+ 0.63	0.21	0	11	13	4	13	sw.	Wm. Brown.		
Logan.....	Cache.....	4,507	22	64.0	+ 0.8	87	20	43	11	37	2.09	+ 1.30	0.53	0	10					Utah Exp. Station.		
Low.....	Tooele.....	4,602	2	70.3	-	98	22	42	11	45	1.45	-	0.60	0	4	23	3	4		Agent W. P. Co.		
Lucin.....	Boxelder.....	4,504	6	68.2	-	91	16†	40	11	43	3.23	-	0.86	0	7	13	10	7	n.	E. C. Puryear.		
Manti.....	Sanpete.....	5,575	18	62.4	- 2.3	87	22	36	11	38	1.65	+ 1.28	0.61	0	9	4	7	19		J. M. Anderson.		
Maple Creek.....	Utah.....	4,890	2	-	-	-	-	-	-	-	2.62	-	1.14	0	11	12	10	8		Lewis W. Gillilan.		
Marion.....	Summit.....	6,400	8	-	-	-	-	-	-	-	0.26	-	0.14	0	6					Jas. Woolstenhulme.		
Marysville.....	Piute.....	6,180	13	59.5	+ 0.0	87	21	31	29	49	4.70	+ 4.40	2.30	0	6					Laf King.		
Meadowville.....	Rich.....	6,200	12	59.0*	+ 3.0	84	23	36	11†	42	2.69	+ 1.83	0.75	0	10	12	3	15	s.	J. S. Moffat.		
Midlake.....	Boxelder.....	4,235	2	68.8	-	82	19†	49	11	22	1.30	-	0.50	0	6	11	16	3		Mrs. S. M. Gibson.		
Midvale.....	Salt Lake.....	4,365	1	70.6	-	110	22	41	10	57	2.35	-	0.84	0	10	5	16	9	s.	C. McGhie.		
Mills.....	Beaver.....	4,962	5	56.3	-	88	30	30	10	48	0.32	-	0.10	0	5	15	0	15	sw.	F. J. Bandreau.		
Millville.....	Cache.....	4,848	18	-	-	-	-	-	-	-	1.34	-	0.29	0	10					Geo. McCune.		
Modena.....	Beaver.....	5,070	11	-	-	-	-	-	-	-	0.34	+ 1.42	0.36	0	13	8	14	14	se.	Fred Yeates.		
Morgan.....	Iron.....	5,479	12	- 1.4	87	21	39	1	46	0.44	+ 0.04	0.13	0.5	0	5	15	11	4	sw.	U. S. Weather Bureau.		
Moroni.....	Morgan.....	5,068	8	61.2*	-	90	22	35	11	36	3.42	-	0.80	0	12					E. O. Kingston.		
Mosida.....	Sanpete.....	5,519	5	61.0	-	84	22	35	11	36	1.85	-	0.53	0	8	9	8	13	sw.	B. F. Ellison.		
Nephi (near).....	Utah.....	4,510	1	-	-	-	-	-	-	-	0.04	-	0.04	0	1					L. B. Curtis.		
New Castle.....	Juab.....	5,119	8	-	-	-	-	-	-	-	0.04	-	0.04	0	1					Exp. Station.		
Oak City.....	Iron.....	5,150	1	-	-	-	-	-	-	-	0.04	-	0.39	0	9	8	13	9	sw.	T. W. Jones.		
Ogden.....	Millard.....	4,900	6	66.4	-	92	22	42	12	41	1.28	-	0.39	0	3	17	5	8		Peter Nielsen.		
Panguitch.....	Weber.....	4,310	42	64.7	- 6.7	88	16	40	11	40	3.62	+ 2.94	0.64	0	9	11	5	14				

TABLE 1.—Climatological data for June, 1913. District No. 10, Great Basin—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Utah—Continued.</i>																				
Tooele.	Tooele.	4,900	17	64.2	— 1.4	89	22	42	11†	35	3.34	+ 2.67	1.22	0	8	2	6	22	s.	E. A. Bonelli.
Utah Lake P. S.	Utah.	4,500	5																w.	W. A. Knight.
Vernon.	Tooele.	5,500	2																sw.	Glynn Bennion.
Wendover.	do.	4,237	1	72.7		93	2†	52	26	31	1.69		0.66	0	8	9	17	4	sw.	J. S. Cooper.
Whiskey Creek.	Millard.	4,850	2																n.	George Stevens.
Winder.	Garfield.	8,000	0																sw.	Rollo Adair.
Woodruff.	Rich.	6,500	10	50.8*	— 7.7	83	23	23	14†	58	6.12	+ 5.64	1.15	0	14	7b	10b	11b	sw.	A. L. Eastman.
<i>Nevada.</i>																				
Austin.	Lander.	6,594	24	54.8	— 5.6	81	20	30	3	40	2.86	+ 2.23	0.75	0	8	17	0	13	se.	F. O. Boe.
Battle Mountain.	do.	4,843	42	62.0	— 4.8	90	3†	39	11	47	2.53	+ 2.06	0.64	0	9	16	5	9	se.	Southern Pacific Co.
Beowawe.	Eureka.	4,905	42	61.6	— 6.4	93	21	30	7	53	3.28	+ 2.87	0.85	0	9				sw.	Do.
Carlin.	Elko.	5,232	42	60.2*	— 2.6	92 <sup>b</sup>	21	34 <sup>b</sup>	19	53 <sup>b</sup>	2.68	+ 2.25	0.80	0	5	10	9	11	w.	Do.
Cherry Creek.	White Pine.	6,450	5	59.2		86	21	37	11	43	2.92		0.78	0	11	14	6	10	sw.	J. H. Leishman.
Clover Valley.	Elko.	6,000	12																w.	I. F. Wiseman.
Columbia.	Esmeralda.	5,750	6	81.8		88	21	37	10	43	1.84		1.41	0	7	13	14	3	se.	A. Booth.
Dry Farm.	Elko.	5,600	1	57.8		81	21	36	5	41	2.76		1.01	0	7				w.	Walfrid Sohlman.
Elko.	do.	5,432	42	55.2	— 7.9	87	21	29	20	56	3.98	+ 3.46	1.20	0	13	13	0	17	n.	Western Pacific Co.
Eureka.	Eureka.	6,500	15	58.2	— 2.3	85	21	34	27†	41	3.79	+ 3.03	1.42	0	10	7	9	14	n.	Clay Simms.
Fallon.	Churchill.	3,965	19	63.6	— 1.0	88	21	39	20	43	0.99	+ 0.78	0.29	0	12	15	7	8	w.	U. S. Experiment Station
Fernley.	Lyon.	4,200	40	63.9	— 2.9	89	30	40	20	44	1.25	+ 1.06	0.40	0	9	9	14	7	w.	Mrs. G. A. Steele.
Gardnerville.	Douglas.	4,830	22	59.4	— 2.2	80	3†	34	20†	41	0.84	+ 0.62	0.41	0	4	14	5	11	sw.	Forest Service.
Gerlach.	Washeoe.	3,931	0	59.8 <sup>a</sup>		95	3	30 <sup>b</sup>	29	59 <sup>b</sup>	1.60		0.70	0	4				nw.	Western Pacific Co.
Geyser.	Lincoln.	6,055	9	60.4		90	3	28	2	60	0.50		0.38	0	2	10	11	9	s.	Mrs. J. F. Wambolt.
Glenbrook.	Douglas.	6,240	4																w.	C. C. Henningsen.
Golconda.	Humboldt.	4,697	34	64.7	— 2.6	89	5†	40	19†	43	2.82	+ 2.31	1.00	0	10	8	9	13	w.	Southern Pacific Co.
Halleck.	Elko.	5,631	20	58.6	— 3.1	94 <sup>a</sup>	17	33 <sup>a</sup>	19	44 <sup>a</sup>				0					s.	Do.
Jean.	Clark.	2,074	5	79.4		106	30	53	3	40	T.		T.	0	16	13	1	ne.	Salt Lake Route.	
Lahontan.	Churchill.	4,200	1	66.2		89	3†	42	26	36	1.37		0.37	0	8	10	17	3	w.	U. S. Reclamation Service
Lewers Ranch.	Washeoe.	5,500	25	57.7	— 2.4	80	20	33	27†	41	1.52	+ 1.11	0.85	0	4	6	16	8	n.	Ross Lewers.
Lida.	Esmeralda.	6,037	0	59.6		81	21	34	10	30	2.58		1.60	T.	6	12	18	0	nw.	L. F. Detwiler.
Lovelock.	Humboldt.	3,977	19	62.4	— 5.4	87	3†	40	24†	47	1.36	+ 1.15	0.45	0	8	11	7	12	sw.	A. P. Tilford.
McDermitt.	do.	4,700	23	58.8	— 7.8	84	1†	38	20	45	3.89	+ 3.21	1.33	0	9	8	8	14	sw.	Scott Sterling.
McGill.	White Pine.	6,333	22	60.0	— 0.3	86	21	35	29	40	1.48	+ 1.08	0.68	0	9	12	7	11	s.	R. E. Middagh.
Metropolis.	Elko.	0	58.0			87	4	35	20	46	3.32		0.76	0	10				w.	O. W. Lloyd.
Millet.	Nye.	6,002	5	59.4		87	21	36	27	47	0.93		0.45	0	3	9	10	11	s.	Fred J. Jones.
Mina.	Mineral.	4,600	6	64.5		90	21	41	27	41	0.98		0.35	0	3	17	0	13	n.	Southern Pacific Co.
Oasis Ranch.	Esmeralda.	5,106	0	63.2		92	22	37	28	47	0.76		0.48	0	7	13	11	6	nw.	A. S. Patterson.
Potts.	Nye.	6,990	20	54.4	— 10.1	84	21	30	1	42	3.50	+ 3.24	2.00	0	5	4	2	24	s.	Miss Mamie Potts.
Quinn River Ranch.	Humboldt.	4,850	11	60.6 <sup>a</sup>	+ 2.2	86 <sup>b</sup>	2	30 <sup>b</sup>	20	50 <sup>b</sup>	1.74	+ 1.30	0.51	0	10				sw.	F. M. Payne.
Rebel Creek.	do.	1	60.2			85	2†	38	20	42	3.09		0.83	0	13	9	10	11	sw.	E. J. Hyatt.
Reno.	Washeoe.	4,532	42	60.5	— 0.5	83	3	37	20	42	0.74	+ 0.50	0.56	0	7	11	12	7	w.	U. S. Weather Bureau.
Soda Lake.	Churchill.	4,534	6																n.	U. S. Reclamation Service.
Tecoma.	Elko.	4,812	35	59.8	— 4.0	90	4†	28	13	58	2.49	+ 1.95	0.77	0	9	6	13	11	se.	Southern Pacific Co.
Tonopah.	Nye.	6,090	8	61.0		84	21	34	9	32	0.79		0.55	0	7	17	2	2	w.	U. S. Weather Bureau.
Wells.	Elko.	5,631	41	58.8	— 3.8	85	14†	32	17	61	2.75	+ 2.28	0.78	0	8	2	16	12	n.	Southern Pacific Co.
Winnevucca.	Humboldt.	4,432	34	61.6	— 1.7	87	2	40	15	45	2.14	+ 1.50	1.15	0	13	10	11	9	sw.	U. S. Weather Bureau.
<i>Oregon.</i>																				
Burns.	Harney.	4,157	22	60.4	+ 2.9	90	1	31	19	48	2.93	+ 2.22	0.87	0	9	2	18	10	sw.	J. C. Welcome, Jr.
Cliff.	Lake.	4,300	6	54.2		84	1	23	20	50	3.61		0.84	0	11	2	17	11	nw.	John C. Green.
Paisley.	do.	4,209	10	57.3	— 1.4	84	6	35	20	39	1.95		0.50	0	9	6	17	7	d&sw.	C. M. Sain.
Silver Lake.	do.	4,700	16	55.8	+ 0.2	87	1	27	20	48	1.69	+ 0.70	0.62	0	9	8	20	2	sw.	G. W. Marvin.
<i>California.</i>																				
Bridgeport.	Mono.	6,500	0	52.8		80	17	28	28	46	1.30		0.84	0	5	14	9	7	sw.	A. F. Scott.
Cathedral Park.	Eldorado.	6,400	0																w.	Carl Fluegge.
Tahoe.	Placer.	6,240	2	49.3		74	30	27	20†	43	0.99		0.40	0	6	11	7	12	w.	R. M. Watson.
Truckee.	Nevada.	5,918	41																w.	Southern Pacific Co.

\*<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

\*\* Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for June, 1913: District No. 10, Great Basin.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 10—Continued.*

\* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.  
Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for June, 1913. District No. 10, Great Basin.

Date.	Burns, Oreg.		Nevada.																									
			Cherry Creek.		Elko.		Eureka.		Fallon.		Jean.		Lovelocks.		Millett.		Mina.		Quinn River Ranch.		Reno.		Tecoma.		Tonopah.		Winne- mucca.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	90	42	74	41	68	32	73	40	75	47	97	60	76	45	73	40	68	43	83	42	72	45	82	31	70	49	79	43
2....	84	54	80	42	80	35	78	41	83	47	96	58	83	46	80	39	78	48	86	41	81	47	87	30	74	48	87	42
3....	87	50	71	50	70	37	75	43	85	51	93	53	87	52	80	40	79	50	85	50	83	52	85	30	75	52	87	50
4....	83	45	78	42	76	35	76	42	84	50	90	57	84	47	77	42	81	50	84	45	77	49	90	35	74	52	82	48
5....	85	49	80	45	72	37	75	46	82	54	92	57	84	49	76	45	81	49	80	52	76	54	81	41	71	52	80	49
6....	87	50	81	45	78	40	74	44	82	51	92	59	86	50	79	42	82	51	84	54	74	52	85	36	75	52	81	49
7....	86	40	72	43	67	34	72	48	84	54	93	58	84	48	70	45	82	52	83	52	76	47	86	34	72	52	81	51
8....	80	39	75	42	65	40	73	49	74	51	93	59	76	47	75	44	79	62	80	50	68	49	85	35	70	51	76	52
9....	76	42	83	50	72	41	66	48	61	46	94	59	65	43	70	45	76	42	64	40	58	45	82	40	63	34	60	44
10....	75	43	85	57	42	57	40	55	46	66	58	67	46	62	41	59	42	69	45	67	46	80	40	52	35	66	44	
11....	77	40	50	37	44	33	51	38	76	49	95	59	77	46	72	44	72	44	78	49	75	39	66	44	75	51	79	44
12....	80	42	67	40	68	34	69	39	82	46	97	59	83	44	78	37	81	52	81	41	81	50	75	30	77	52	79	44
13....	75	42	79	45	74	38	78	52	85	49	97	59	84	46	85	45	79	51	79	52	74	54	80	38	78	50	80	50
14....	74	43	79	50	77	39	80	43	83	48	99	60	82	43	83	44	81	54	75	47	81	35	79	58	79	50	81	40
15....	76	42	82	46	72	34	80	50	84	46	99	60	83	45	82	42	89	54	79	33	76	44	88	37	77	57	81	40
16....	79	45	81	51	78	36	79	58	84	45	98	60	85	47	81	45	85	52	80	45	78	44	90	37	77	56	82	51
17....	80	44	78	50	77	40	80	52	87	50	99	59	85	49	83	50	81	49	-----	-----	78	47	85	34	77	56	84	53
18....	78	42	81	52	86	62	80	53	84	48	98	61	85	47	82	42	80	50	86	44	76	44	90	39	77	54	84	54
19....	74	31	82	49	83	40	79	53	80	52	99	61	79	46	80	47	82	49	-----	-----	66	48	89	40	78	54	75	49
20....	76	36	79	43	85	29	79	37	80	39	99	62	82	43	81	39	83	48	80	30	79	37	88	30	79	47	78	41
Mns.	77.9	42.8	73.2	45.2	73.1	37.2	72.3	44.2	79.3	48.0	97.7	61.1	75.8	46.0	76.2	42.7	78.5	50.5	77.0	44.1	73.3	47.7	84.5	35.1	72.3	49.8	75.9	47.3
Date.	Wyoming.		Weston, Idaho.	Utah.																			Spanish Fork.		Salt Lake City.			
	Border.	Evanston.		Black Rock.	Corinne.	Govern- ment Creek.	Marysvale.	Meadow- ville.	Modena.	Ogden.	Parowan.	Spanish Fork.	Salt Lake City.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1....	81	36	79	43	85	41	79	38	89	55	82	42	83	34	79	40	79	39	80	46	81	44	87	31	87	64		
2....	79	36	78	35	86	42	77	30	87	58	84	50	82	35	79	42	81	41	87	47	82	45	88	35	85	58		
3....	79	38	77	38	86	42	79	38	87	51	81	45	82	34	74	42	78	42	85	46	82	47	86	36	83	61		
4....	80	36	76	35	83	42	76	35	85	52	81	42	82	34	79	45	78	45	84	48	80	49	87	35	82	59		
5....	78	36	72	37	80	42	78	32	84	50	82	50	79	37	-----	-----	77	46	83	45	80	48	83	37	79	59		
6....	74	38	70	36	78	43	82	32	87	65	89	47	80	38	82	40	76	46	85	47	81	45	79	34	81	59		
7....	76	38	74	40	86	42	76	30	86	52	83	47	80	39	75	40	76	45	83	46	82	44	82	35	83	58		
8....	75	41	72	42	81	46	75	25	82	54	82	50	81	39	78	43	79	44	83	50	81	48	82	39	82	62		
9....	77	39	71	44	83	46	65	31	84	57	80	53	75	53	78	40	71	50	76	55	76	49	83	45	81	63		
10....	72	47	65	47	69	45	62	30	72	51	70	42	64	42	73	45	56	43	78	50	65	43	73	34	68	49		
11....	61	34	55	32	64	43	84	32	80	50	54	38	59	40	63	36	64	42	68	40	62	40	63	34	62	47		
12....	63	37	56	37	64	42	70	32	68	48	62	39	61	36	62	42	75	44	70	45	69	42	64	44	66	47		
13....	75	35	70	32	75	40	86	37	80	43	83	40	81	37	76	39	80	43	81	42	80	42	85	45	82	50		
14....	78	40	74	43	80	48	86	46	84	50	89	44	88	48	80	43	73	41	84	50	82	48	87	53	84	66		
15....	81	38	76	40	85	44	88	37	82	50	86	48	83	42	84	37	82	43	82	48	87	53	90	45	87	62		
16....	83	38	77	42	81	52	87	42	88	51	85	51	84	37	85	49	83	46	88	59	81	49	88	57	87	65		
17....	78	41	71	48	83	44	80	54	87	64	79	55	68	50	79	53	78	54	76	52	77	56	76	59	82	56		
18....	76	40	72	36	87	46	86	40	82	49	84	48	80	43	71	43	84	64	82	52	79	50	84	55	82	55		
19....	83	40	76	40	81	51	89	38	92	70	87	51	84	37	89	42	82	43	85	48	86	58	84	53	89	64		
20....	79	40	75	40	86	40	87	38	89	55	82	49	84	37	82	46	85	43	82	50	85	50	84	52	77	57		
21....	83	37	79	38	84	40	92	39	90	48	89	49	87	39	82	46	87	45	81	54	87	49	91	54	87	59		
22....	89	38	79	43	84	41	91	41	98	52	90	58	86	39	83	44	86	47	83	51	93	53	90	65	82	55		
23....	80	39	76	44	74	52	83	58	89	51	85	54	81	57	84	42	81	61	78	49	82	66	83	56	74	54		
24....	65	35	60	40	71	40	81	48	79	50	77	45	76	51	69	42	80	50	77	46	80	51	73	52	71	54		
25....	64	45	61	42	66	49	78	46	75	45	70	52	75	55	65	45	73	56	69	47	77	56	74	54	71			